

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

**Catalogue Number** 01707

**Product** **Tylosin tartrate**

**CAS Number** 74610-55-2 / 1405-54-5

**Molecular Formula** C<sub>46</sub>H<sub>77</sub>NO<sub>17</sub>•C<sub>4</sub>H<sub>6</sub>O<sub>6</sub>

**Molecular Weight** 1066.2

---

**Warnings** Hygroscopic

**Appearance** White or slightly yellow hygroscopic powder

**Solubility** Freely soluble in water and in methylene chloride, slightly soluble in anhydrous ethanol. It dissolves in dilute solutions of mineral acids.

**pH** 5.0 - 7.2

**Infrared Spectrum** Conforms to standard

**Loss on Drying** ≤ 4.5%

**Related Substances** Tyramine: ≤ 0.35%

**Residue On Ignition** ≤ 2.5%

**Ion chromatography** HPLC

**Potency (Anhydrous Basis)** ≥ 800U/mg (on dried basis)

**Storage** Store at RT

**Additional Information** Tylosin composition :  
Tylosin A : ≥ 80 %  
Tylosin A+B+C+D : ≥ 95 %

**For Laboratory Use Only**